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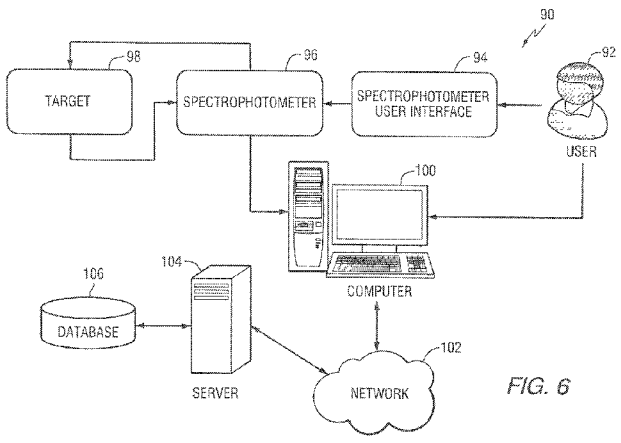


FIG. 6

(57) Abstract: A computer implemented method. The method includes generating, using a processor, a multi-dimensional object from a plurality of data obtained from a spectrophotometric measurement of a target coating. The method also includes calculating, using the processor, at least one geometric property of the multi-dimensional object. The method further includes correlating, using the processor, the at least one value with a plurality of known values to identify at least one pigment effect in the target coating, and outputting, using the processor, the at least one pigment effect.

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